

# Specifications

## Max Wall-Mounted HEE R32

- Full HD Filter.
- Wi-Fi kit (optional)
- Operation range from -25°C until 52°C
- 100% heating capacity at -15°C
- Base heater as standard
- Inverter PBA self-diagnosis



Indoor Unit		AC100BNTPKG/EU	
Outdoor Unit - Mono-Phase		AC100BXAPKG/EU	
Outdoor Unit - Tri-Phase		AC100BXAPNG/EU	
<b>Capacity</b>			
Cooling (Min/Nominal/Max)	kW	3.60 / 9.50 / 12.10	
Heating @ +7 °C (Min/Nominal/Max)	kW	2.90 / 10.80 / 16.20	
Heating @ -5 °C	kW		
Heating @ -15 °C	kW		
<b>Performance</b>			
Energy Efficiency Cooling	SEER <sup>1</sup>	W/W	6.9/ <span style="color: green;">A++</span>
	Power Consumption	kWh/a	482
	Pdesignc	kW	9.5
	EER	W/W	3.47
Energy Efficiency Heating	SCOP <sup>1</sup>	W/W	4.1/ <span style="color: green;">A+</span>
	Power Consumption	kWh/a	2220
	Pdesignh (average)	kW	6.5
	COP <sup>1</sup>	W/W	3.13
Airflow Rate	Indoor Unit (H/M/L)	m <sup>3</sup> /min	22.7/19.8/17.8
Sound Power	Indoor Unit	dB(A)	65
	Outdoor Unit	dB(A)	66
Sound Pressure	Indoor Unit (H/M/L/Silent)	dB(A)	49/46/43/37
	Outdoor Unit (H/L)	dB(A)	54/52
Fan/Outdoor Unit	Type		BLDC
	Power	W	125
	Number of Fans	-	1
Operating Temperature Range	Cooling	°C	-20-52
	Heating	°C	-25.0-24.0

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Outdoor Unit - Tri-Phase		AC100BXAPNG/EU	
<b>Electrical Data</b>			
Power Source	Indoor Unit	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, #, V, Hz	3Φ, 4, 380-415 V, 50 Hz
Compressor Type	Outdoor Unit	Type	Twin BLDC Rotary
Power (Min/Nominal/Max)	Cooling	kW	0.78 / 2.74 / 4.20
	Heating	kW	0.65 / 3.45 / 6.40
Current Input	Cooling (Min/Std/Max)	A	4.0 / 12.3 / 18.3
	Heating (Min/Std/Max)	A	4.0 / 15.3 / 27.9
	Cooling - Tri-Phase (Min/Std/Max)	A	1.5 / 4.6 / 6.7
	Heating - Tri-Phase (Min/Std/Max)	A	1.3 / 5.6 / 9.3
<b>Dimensions</b>			
Net Dimensions (W x H x D)	Indoor Unit	mm	1,280 x 345 x 253
	Outdoor Unit	mm	940 x 1,420 x 330
Net Weight	Indoor Unit	kg	18.5
	Outdoor Unit	kg	100
<b>Refrigerant</b>			
Refrigerant	Type	R32 (contains fluorinated greenhouse gases. GWP = 675)	
	Factory Charging	kg	3.5/30 m
	Charging Ton equivalent CO <sub>2</sub>	tCO <sub>2</sub> e	2.36
	Additional Refrigerant Charging	g/m	
Piping Connections	Liquid Pipe	ø, inch	3/8
	Gas Pipe	ø, inch	5/8
Piping Length	Min/Max	m	5/ 85
Piping Height	Max	m	30
Piping Connections	Drain Pipe	ø, mm	ID 18

### Accessories



Touch Controller

MWR-SH11N



Advanced Wired Remote Controller

MWR-WG00JN/MWR-WG00KN



Touch Centralised Controller

MCM-A300N



Wi-Fi Kit

MIM-H04EN



External Thermostat

MRW-TA



DMS 2.5

MIM-D01AN



BACnet/Lonworks/PIM

MIM-B17BN/B18BN/B16N



ON/OFF Controller

MCM-A202DN

<sup>1</sup> Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.

# Dimensional drawings

Max Wall-Mounted HEE

R32

AC100BNTPKG/EU

